

JC07 Rec'd PCT/PTO 29 APR 2005 PCT

CASE IA/3-22331/PCT

CERTIFICATE OF MAILING

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. #2

Anna R. Maddalena  
Type or print name

Anna R. Maddalena  
Signature

4/27/05  
Date

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE PCT NATIONAL STAGE APPLICATION OF

Group Art Unit:

JONATHAN HUGHES

Examiner:

INTERNATIONAL APPLICATION NO. PCT/EP 03/08296

FILED: JULY 28, 2003

FOR: USE OF FLOCCULATING AGENTS FOR  
SEPARATING THE SOLID RESIDUE IN  
HYDROLYSED FERMENTATION  
SUBSTRATES

U.S. APPLICATION NO: 10/523,229

35 USC 371 DATE: JANUARY 31, 2005

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with 37 CFR 1.56, Applicants wish to call the Examiner's attention to the references cited on the attached forms PTO-1449. Copies of the International Search Report and the references cited therein were supplied when this application entered the U.S. national phase.

Enclosed herewith is a copy of the British Search Report. Except for the U.S Patents and the English language abstract for SU 1726519 which has already been supplied, copies of the cited references are enclosed herewith. Also enclosed are copies of EP 150933, EP 102759, EP 202780 and the English language abstract for Makromol Chemistry, Vol. 186, pp. 273-281.

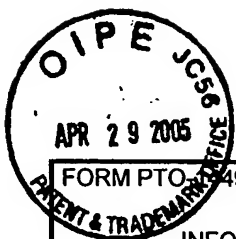
The Examiner is requested to consider the foregoing information in relation to this application and indicate that each reference was considered by returning a copy of the initialed PTO 1449 forms.

Respectfully submitted,



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Agent for Applicants  
Reg. No. 56,221

Ciba Specialty Chemicals Corporation  
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Encl. References  
PTO-1449 Forms  
GB Search Report



FORM PTO-49

INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION

(Use several sheets if necessary)

Docket Number (Optional)

IA/3-22331/PCT

Application Number

10/523,229

Applicant

JONATHAN HUGHES

Filing Date

JANUARY 31, 2005

Group Art Unit

## U. S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,384,897	5/83	Brink	127	37	
	5,975,439	11/99	Chieffalo et al	241	17	
	4,650,689	3/87	Hedrick	426	600	
	6,068,869	5/00	Bent Ginslov	426	262	
	5,529,699	6/96	Kuo et al	210	735	

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
	98/58072	12/98	PCT/World				
	0150933	8/85	Europe				
	0102759	3/84	Europe				
	0202780	11/86	Europe				
	61204100	9/86	Japan				

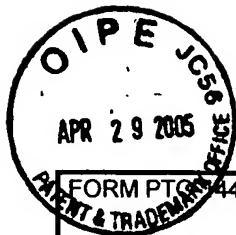
## OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

	Y. Kholkin et al., Applied Biochemistry and Biotechnology, Vol. 82, No. 2, November 1999, pp. 135-140
	C. Rivard et al., Applied Biochemistry and Biotechnology, Vol. 57-58, No. 0, (1996), pp. 183-191
	Derwent Abstr. 1993-115187 for SU 1726519 (1992)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP §609; Draw line through  
citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

Sheet 2 of 4

FORM PTO 449

INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION

(Use several sheets if necessary)

Docket Number (Optional)

IA/3-22331/PCT

Application Number

10/523,229

Applicant

JONATHAN HUGHES

Filing Date

JANUARY 31, 2005

Group Art Unit

## U. S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

## OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

	Derwent Abstr. 1990-183837 for SU 1527254 (1989)
	J. Hughes et al., 20(ATV-DVWK-Bundestagung 2000), pp. 975-987
	Derwent Abstract 1986-281090 [43] for JP 61204100 (1986)

EXAMINER

DATE CONSIDERED

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Sheet 3 of 4INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION

(Use several sheets if necessary)

Docket Number (Optional)

IA/3-22331/PCT

Application Number

10/523,229

Applicant

JONATHAN HUGHES

Filing Date

JANUARY 31, 2005

Group Art Unit

## U. S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

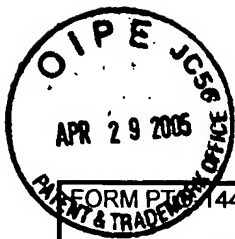
## OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

	Derwent Abstr. 1997-344454 [32] for HU 70453 (1995)
	Derwent Abstr. 1997-488205[45] for RU 2077594 (1997)
	Chem. Abstr. 1985:185565 for Y. Huang, Makromol Chemie, Vol. 186, No. 2, (1985), pp. 273-281

EXAMINER

DATE CONSIDERED

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Sheet 4 of 4

FORM PT 1449

INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION

(Use several sheets if necessary)

Docket Number (Optional)

IA/3-22331/PCT

Application Number

10/523,229

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JONATHAN HUGHES

Filing Date

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## U. S. PATENT DOCUMENTS

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## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

## OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

	Derwent Abstr. 1987-305414 [43] for SU 1300032 (1987)

EXAMINER

DATE CONSIDERED

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